

Syllabus

Cambridge O Level Economics

Syllabus code 2281

For examination in June and November 2013



UNIVERSITY *of* CAMBRIDGE
International Examinations

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1. Introduction

1.1 Why choose Cambridge?

University of Cambridge International Examinations (CIE) is the world's largest provider of international qualifications. Around 1.5 million students from 150 countries enter Cambridge examinations every year. What makes educators around the world choose Cambridge?

Developed for an international audience

International O Levels have been designed specially for an international audience and are sensitive to the needs of different countries. These qualifications are designed for students whose first language may not be English and this is acknowledged throughout the examination process. The curriculum also allows teaching to be placed in a localised context, making it relevant in varying regions.

Recognition

Cambridge O Levels are internationally recognised by schools, universities and employers as equivalent to UK GCSE. They are excellent preparation for A/AS Level, the Advanced International Certificate of Education (AICE), US Advanced Placement Programme and the International Baccalaureate (IB) Diploma. CIE is accredited by the UK Government regulator, the Office of the Qualifications and Examinations Regulator (Ofqual). Learn more at **www.cie.org.uk/recognition**.

Support

CIE provides a world-class support service for teachers and exams officers. We offer a wide range of teacher materials to Centres, plus teacher training (online and face-to-face) and student support materials. Exams officers can trust in reliable, efficient administration of exams entry and excellent, personal support from CIE Customer Services. Learn more at **www.cie.org.uk/teachers**.

Excellence in education

Cambridge qualifications develop successful students. They build not only understanding and knowledge required for progression, but also learning and thinking skills that help students become independent learners and equip them for life.

Not-for-profit, part of the University of Cambridge

CIE is part of Cambridge Assessment, a not-for-profit organisation and part of the University of Cambridge. The needs of teachers and learners are at the core of what we do. CIE invests constantly in improving its qualifications and services. We draw upon education research in developing our qualifications.

1. Introduction

1.2 Why choose Cambridge O Level Economics?

International O Levels are established qualifications that keep pace with educational developments and trends. The International O Level curriculum places emphasis on broad and balanced study across a wide range of subject areas. The curriculum is structured so that students attain both practical skills and theoretical knowledge.

Cambridge O Level Economics is recognised by universities and employers throughout the world as proof of knowledge and understanding. Successful Cambridge O Level Economics candidates gain lifelong skills, including:

- an understanding of economic theory, terminology and principles
- the ability to apply the tools of economic analysis
- the ability to distinguish between facts and value judgements in economic issues
- an understanding of, and an ability to use, basic economic numeracy and literacy
- the ability to take a greater part in decision-making processes in everyday life
- an understanding of the economies of developed and developing nations
- an excellent foundation for advanced study in economics.

In addition to Cambridge O Levels, CIE also offers Cambridge IGCSE and International A & AS Levels for further study. See **www.cie.org.uk** for a full list of the qualifications you can take.

1.3 How can I find out more?

If you are already a Cambridge Centre

You can make entries for this qualification through your usual channels, e.g. British Council or CIE Direct. If you have any queries, please contact us at **international@cie.org.uk**.

If you are not a Cambridge Centre

You can find out how your organisation can become a Cambridge Centre. Email either your local British Council representative or CIE at **international@cie.org.uk**. Learn more about the benefits of becoming a Cambridge Centre at **www.cie.org.uk**.

2. Assessment at a glance

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Candidates take two papers.

Paper 1 Multiple choice	1 hour
Candidates answer forty multiple choice questions. All items are of the four response 'simple completion' type. 30% of total marks	
Paper 2 Structured questions	2 hours
Candidates answer one compulsory question and three questions from a choice of six. 70% of total marks	

Availability

This syllabus is examined in the May/June examination session and the October/November examination session.

This syllabus is available to private candidates.

International O levels are available to Centres in Administrative Zones 3, 4 and 5. Centres in Administrative Zones 1, 2 or 6 wishing to enter candidates for International O Level examinations should contact CIE Customer Services.

Combining this with other syllabuses

Candidates can combine this syllabus in an examination session with any other CIE syllabus, except:

- syllabuses with the same title at the same level
- 0455 IGCSE Economics

Please note that IGCSE, Cambridge International Level 1/Level 2 Certificates and O Level syllabuses are at the same level.

3. Syllabus aims and objectives

3.1 Aims

The aims below describe the educational purposes of a course in economics for the O Level exam.

The aims are to:

- 1 develop candidates' knowledge and understanding of economic terminology, principles and theories;
- 2 develop candidates' basic economic numeracy and literacy and their ability to handle simple data including graphs and diagrams;
- 3 develop candidates' ability to use the tools of economic analysis in particular situations;
- 4 show candidates how to identify and discriminate between differing sources of information and how to distinguish between facts and value judgements in economic issues;
- 5 develop candidates' ability to use economic skills (with reference to individuals, groups and organisations) to understand better the world in which they live;
- 6 enable candidates to participate more fully in decision-making processes as both consumers and producers and as citizens of the local, national and international community;
- 7 develop candidates' understanding of the economies of developed and developing nations and of the relationships between them; and to develop their appreciation of these relationships from the perspective of both developed and developing nations.

3. Syllabus aims and objectives

3.2 Assessment objectives

The three assessment objectives in Cambridge O Level Economics are:

A: Knowledge with understanding

B: Analysis

C: Judgement and decision-making.

A: Knowledge with understanding

Candidates should be able to:

- 1 show knowledge and understanding of economic facts, definitions, concepts, principles and theories;
- 2 use economic vocabulary and terminology confidently.

B: Analysis

Candidates should be able to:

- 1 select, organise and interpret data;
- 2 apply economic knowledge and understanding in verbal, numerical, diagrammatic, pictorial and graphical form;
- 3 use economic data, to recognise patterns in such data, and to deduce relationships.

C: Judgement and decision-making

Candidates should be able to:

- 1 distinguish between evidence and opinion, make reasoned judgements and communicate those judgements in an accurate and logical manner;
- 2 recognise that economic theory has various limitations and uncertainties;
- 3 evaluate the social and environmental implications of particular courses of economic action;
- 4 draw conclusions from economic information and critically evaluate economic data;
- 5 communicate conclusions in a logical and concise manner.

4. Curriculum content

4.1 Basic economic problem: choice and the allocation of resources

Candidates should be able to:

- define the nature of the economic problem (finite resources and unlimited wants);
- define the factors of production (land, labour, capital, enterprise);
- define opportunity cost and analyse particular circumstances to illustrate the concept;
- demonstrate how production possibility curves can be used to illustrate choice and resource allocation;
- evaluate the implications of particular courses of action in terms of opportunity cost.

4.2 The allocation of resources: how the market works; market failure

Candidates should be able to:

- describe the allocation of resources in market and mixed economic systems;
- demonstrate the principle of equilibrium price and analyse simple market situations with changes in demand and supply;
- describe the causes of changes in demand and supply conditions and analyse such changes to show effects in the market;
- define price elasticity of demand and supply and perform simple calculations;
- demonstrate the usefulness of price elasticity in particular situations such as revenue changes, consumer expenditure;
- evaluate the merits of the market system;
- describe the concept of market failure and explain the reasons for its occurrence;
- define private and social costs¹ and benefits and discuss conflicts of interest in relation to these costs and benefits in the short-term and long-term through studies of the following issues:
 - conserving resources versus using resources;
 - public expenditure versus private expenditure.

¹ Social costs are equal to the sum of private costs and external costs.

4. Curriculum content

4.3 The individual as producer, consumer and borrower

Candidates should be able to:

- describe the functions of money and the need for exchange;
- describe the functions of central banks, stock exchanges, commercial banks;
- identify the factors affecting an individual's choice of occupation (wage factors and non-wage factors);
- describe likely changes in earnings over time for an individual;
- describe the differences in earnings between different groups of workers (male/female; skilled/unskilled; private/public; agricultural/manufacturing/services);
- describe trade unions and their role in an economy;
- describe the benefits and disadvantages of specialisation for the individual;
- analyse the different motives for spending, saving and borrowing;
- discuss how and why different income groups have different expenditure patterns (spending, saving and borrowing).

4.4 The private firm as producer and employer

Candidates should be able to:

- describe the type of business organisation in the public and private sectors: sole proprietors, partnerships, private limited companies, public limited companies, multinationals, co-operatives, public corporations;
- describe and evaluate the effects of changes in the structure of business organisations;
- describe what determines the demand for factors of production;
- distinguish between labour-intensive and capital-intensive production;
- define productivity and recognise the difference between productivity and production;
- define total and average cost, fixed and variable cost and perform simple calculations;
- analyse particular situations to show changes in total and average cost as output changes;
- define total and average revenue and perform simple calculations;
- describe the principle of profit maximisation as a goal and recognise that business organisations may have different goals;
- describe pricing and output policies in perfect competition and monopoly;
- describe the main reasons for the different sizes of firms (size of market, capital, organisation);
- describe and evaluate integration, economies and diseconomies of scale;
- discuss the advantages and disadvantages of monopoly.

4. Curriculum content

4.5 Role of government in an economy

Candidates should be able to:

- describe the government as a producer of goods and services and as an employer;
- describe the aims of government policies, such as full employment, price stability, economic growth, redistribution of income, balance of payments stability;
- explain fiscal, monetary and supply-side policies;
- analyse the use of fiscal, monetary and supply-side policies;
- discuss the possible conflicts between government aims;
- describe the types of taxation (direct, indirect, progressive, regressive, proportional) and the impact of taxation;
- discuss the government's influence (regulation, subsidies, taxes) on private producers.

4.6 Economic indicators

With regards to **prices** candidates should be able to:

- describe how a consumer prices index/retail prices index is calculated;
- discuss the causes and consequences of inflation;
- discuss the causes and consequences of deflation.

With regards to **employment** candidates should be able to:

- describe the changing patterns and levels of employment;
- discuss the causes and consequences of unemployment.

With regards to **output** candidates should be able to:

- define Gross Domestic Product (GDP);
- define the term recession;
- describe and evaluate measures and indicators of comparative living standards, such as GDP per head, Human Development Index (HDI).

4. Curriculum content

4.7 Developed and developing economies: trends in production, population and living standards

Candidates should be able to:

- describe why some countries are classified as developed and others are not;
- describe the difference between absolute and relative poverty;
- recognise and discuss policies to alleviate poverty;
- describe the factors that affect population growth (birth rate, death rate, fertility rate, net migration) and discuss reasons for the different rates of growth in different countries;
- analyse the problems and consequences of these population changes for countries at different stages of development;
- describe the effects of changing size and structure of population on an economy;
- discuss differences in standards of living within countries and between countries, both developed and developing.

4.8 International aspects

Candidates should be able to:

- describe the benefits and disadvantages of specialisation at regional and national levels;
- describe the structure of the current account of the balance of payments;
- discuss the causes and consequences of current account deficits and surpluses;
- define exchange rates;
- discuss the causes and consequences of exchange rate fluctuations;
- describe methods of trade protection;
- discuss the merits of free trade and protection.

5. Resource list

This is **NOT** a list of prescribed texts, but provides a range of alternatives from which teachers may wish to choose.

Author	Title	Publisher	ISBN
A.G. Anderton	<i>Economics for GCSE</i> Includes data response questions (but not multiple choice).	Collins Education	0003274295
Matthew Andrews	<i>HIGCSE Economics</i> <i>Module 3</i> Covers 'Determining National Income', 'The Components of National Income' and 'Factors Influencing National Income'. <i>Module 4</i> Covers 'Income, Growth and Development', 'Internal Development Concerns and Policies' and 'International Development Concerns and Policies'. Designed for a higher level examination taken in southern African countries but contains much material helpful for O Level.	Cambridge University Press	9780521647779 9780521647762
Robert Dransfield, Terry Cook & Jane King	<i>Economics for IGCSE</i>	Nelson Thornes	9781408506578
Susan Grant	<i>IGCSE & O Level Economics</i> <i>IGCSE & O Level Economics Workbook</i>	Cambridge University Press India Pvt Ltd	9780521720038 9780521144148
Barry Harrison & Brian Nutter	<i>GCSE Economics Study Guide</i>	Longman	9780582315396
Dan Moynihan & Brian Titley	<i>Economics: A Complete Course for IGCSE & O Level</i> <i>Economics: A Complete Course (3rd edition)</i> Comprehensive topic coverage with assignments and data response material.	Oxford University Press	9780199151349 9780199134137
Robert Paisley & John Quillfeldt	<i>GCSE Economics</i> Divided into 38 'units', each with activities including stepped questions and data response (but not multiple choice).	Longman Group UK	0582005205

5. Resource list

John Pratten & N. Proctor	<i>GCSE Economics</i>	Tudor Educational	9781872807737
Jason Probert	<i>HIGCSE Economics</i> <i>Module 1</i> Covers 'What is Economics?' and 'Basic Economic Concepts'. <i>Module 2</i> Covers 'Supply and Demand', 'Firms and Production' and 'Markets' Designed for a higher level examination taken in southern African countries, but contains much material helpful for O Level.	Cambridge University Press	9780521647793 9780521647786
Brian Titley & Helen Carrier	<i>Economics IGCSE Revision Guide</i>	Oxford University Press	9780199154869

Resources are also listed on CIE's public website at **www.cie.org.uk**. Please visit this site on a regular basis as the Resource lists are updated through the year.

Access to teachers' email discussion groups, suggested schemes of work and regularly updated resource lists may be found on the CIE Teacher Support website at **<http://teachers.cie.org.uk>**. This website is available to teachers at registered CIE Centres.

6. Additional information

6.1 Guided learning hours

O Level syllabuses are designed on the assumption that candidates have about 130 guided learning hours per subject over the duration of the course. ('Guided learning hours' include direct teaching and any other supervised or directed study time. They do not include private study by the candidate.)

However, this figure is for guidance only, and the number of hours required may vary according to local curricular practice and the candidates' prior experience of the subject.

6.2 Recommended prior learning

Candidates beginning this course are not expected to have studied Economics previously.

6.3 Progression

O Level Certificates are general qualifications that enable candidates to progress either directly to employment, or to proceed to further qualifications.

Candidates who are awarded grades C to A* in O Level Economics are well prepared to follow courses leading to AS and A Level Economics, or the equivalent.

6.4 Component codes

Because of local variations, in some cases component codes will be different in instructions about making entries for examinations and timetables from those printed in this syllabus, but the component names will be unchanged to make identification straightforward.

6.5 Grading and reporting

Ordinary Level (O Level) results are shown by one of the grades A*, A, B, C, D or E indicating the standard achieved, Grade A* being the highest and Grade E the lowest. 'Ungraded' indicates that the candidate's performance fell short of the standard required for Grade E. 'Ungraded' will be reported on the statement of results but not on the certificate.

6. Additional information

Percentage uniform marks are also provided on each candidate's statement of results to supplement their grade for a syllabus. They are determined in this way:

- A candidate who obtains...
 - ... the minimum mark necessary for a Grade A* obtains a percentage uniform mark of 90%.
 - ... the minimum mark necessary for a Grade A obtains a percentage uniform mark of 80%.
 - ... the minimum mark necessary for a Grade B obtains a percentage uniform mark of 70%.
 - ... the minimum mark necessary for a Grade C obtains a percentage uniform mark of 60%.
 - ... the minimum mark necessary for a Grade D obtains a percentage uniform mark of 50%.
 - ... the minimum mark necessary for a Grade E obtains a percentage uniform mark of 40%.
 - ... no marks receives a percentage uniform mark of 0%.

Candidates whose mark is none of the above receive a percentage mark in between those stated according to the position of their mark in relation to the grade 'thresholds' (i.e. the minimum mark for obtaining a grade). For example, a candidate whose mark is halfway between the minimum for a Grade C and the minimum for a Grade D (and whose grade is therefore D) receives a percentage uniform mark of 55%.

The uniform percentage mark is stated at syllabus level only. It is not the same as the 'raw' mark obtained by the candidate, since it depends on the position of the grade thresholds (which may vary from one session to another and from one subject to another) and it has been turned into a percentage.

6.6 Resources

Copies of syllabuses, the most recent question papers and Principal Examiners' reports for teachers are available on the Syllabus and Support Materials CD-ROM, which is sent to all CIE Centres.

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University of Cambridge International Examinations
1 Hills Road, Cambridge, CB1 2EU, United Kingdom
Tel: +44 (0)1223 553554 Fax: +44 (0)1223 553558
Email: international@cie.org.uk Website: www.cie.org.uk

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